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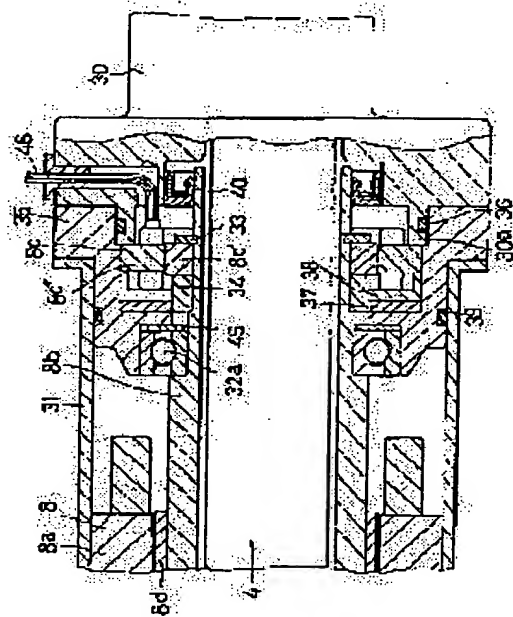
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(54) ELECTRIC POWER STEERING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an electric power steering device which can prevent the drop of the detection accuracy of the sensor for detecting rotor rotary phase of the brushless motor for generating a steering auxiliary force and the deterioration of synthetic resin made parts.

SOLUTION: In a brushless motor 8 having a stator 8a fixed to a housing 31 side for covering a rack 4 meshed with a pinion rotated by a steering and a rotor 8b, supported by the housing 31 side, in which the rack 4 is inserted, a ball nut screwed together with a ball screw shaft integrated with the rack 4 through the ball is rotated and driven so as to give the steering auxiliary force. A seal means 40 is provided between the inner periphery of the housing 30 for covering the pinion and the outer periphery of one end side of the rotor 8b. A sensor 8c for detecting the rotary phase of the rotor 8b is arranged between the stator 8a and seal means 40.



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